

Year 4

Topic List



Class Teacher: Mrs Rahimi & Ms Zobeidi

Teaching Assistant: Mrs Taash



**Spring 2
2021**

MATHS

Number & Place Value

Recognise, use, compare and order decimal numbers; understand place value in decimal numbers; recognise that decimals are tenths; round decimals numbers to the nearest whole number; divide 2-digit numbers by 10 to get decimal numbers; multiply decimal numbers by 10 to get 2-digit numbers; divide 3-digit multiples of ten by 100 to get decimal numbers; multiply decimal numbers by 100 to get 3-digit multiples of ten; add four digit numbers using written method with answers greater than 10 000.



Problem Solving & Reasoning

Use the vertical algorithm to multiply 3-digit numbers by 1-digit numbers; explore patterns; use mental strategies and tables facts to divide 2-digit and 3-digit numbers by 1-digit numbers to give answers between 10 and 35, without remainders; solve word problems.

Addition & Subtraction

Add amounts of money using written methods and mentally using place value and number facts; choose to add using the appropriate strategy: mental or written; subtract, choosing appropriate mental strategies: counting up or taking away (using counting back, place value or number facts); solve subtractions using a suitable written method (column subtraction).

Geometry

Tell the time on a 24 hour clock, using am and pm correctly; convert pm times to 24 hour clock and vice versa; use 24 hour clock in calculating intervals of time; measure and calculate perimeters of rectilinear shapes where each side is labelled in cm and m; find missing lengths in rectilinear composite shapes; find the perimeters of rectilinear shapes with some lengths not marked; convert from one unit of length to another; solve word problems involving lengths

ENGLISH

Fiction: 'The Spiderwick Chronicles':



In this unit, the children explore fantasy fiction. They read the interactive eBook, asking questions and developing understanding of inference. They use drama to explore characters and suspense. They develop editing and proof-reading skills. They plan, edit and write a new episode of the fantasy story they have studied.

Poetry: Exploring Poetic Form

In this unit, the children enjoy listening and responding to a range of poetry, exploring and comparing the work of two poets. They learn about poems including raps, exploring the meaning and form of poems written in a Caribbean dialect. They compose class and individual poems based on familiar fairy tales, editing and improving their work as part of the process.

Grammar

The prefixes 'in-', 'il-' and 'im-' : Investigate the spelling rule for adding 'in-', 'il-' or 'im-' to the beginning of words
Dictionary skills.

Investigate how to find words in a dictionary using the first three letters of the word.

Words of Latin or Greek origin. Investigate words that have their origin in Latin or ancient Greek.

Further prefixes: Investigate the meaning of words when different prefixes are added (e.g. 're-', 'sub-', 'inter-', 'super-', 'anti-' and 'auto-')

The /jɒn/ sound: Investigate ways of spelling the /jɒn/ sound at the end of words.

ART

This 'Bodies' themed unit will teach the class about how to use pen, charcoal, felt tip, make maquettes, make paper clothes and sculpt Giacometti-inspired models to create quality artwork that shows progression in skills. The children will also have the opportunity to explore the work of 'Bodies' artists Julian Opie, Alberto Giacometti and Henry Moore.

SCIENCE & HUMANITIES



(Revision) In this unit children explore a variety of ways to identify, sort, group and classify living things. They learn how animals are split into 'vertebrates' and 'invertebrates' and begin to consider the differences between living things within these classifications. They use and create classification keys to group, identify and name living things from the local habitat and beyond. This unit also introduces children to the idea that environments are subject to human-made and natural changes, and that these changes can have a significant impact on living things. Throughout the unit children work scientifically by gathering, recording and presenting information in different ways.

QURAN

Memorisation: Surah al-Inshiqaq (completion)

Revision: All previous surahs

Recitation: Recitation from 29th Juz'



URDU

Topic—Homes 'Ghar'

Making statements about homes, different types of houses, parts of the house, household items, bathroom accessories, kitchen appliances and utensils.

Read, translate and write sentences/phrases.



PSHE

Pupils will explore ways in which we can look after the environment. They will consider how they are already making a difference and what further ways they can contribute.



PE

Selection and precision - Adjusting power and technique in accordance with distance of a target.

Applying catching and throwing skills in a scored game.

ISLAMIC STUDIES



- Aqidah: My Muslim Identity
- Adab & Akhlaq: Making a Good Impression
- Adab & Akhlaq: Community
- Adab & Akhlaq: Dealing with Differences
- Adab & Akhlaq: Volunteering
- Adab & Akhlaq: Rights of Parents & Elders

COMPUTING



Starting with online activities to support the development of computational thinking . Then move on to Introduction to Scratch -This half term Y4 students will be introduced to Scratch, a visual programming language using blocks. Students will be creating their own stories and be able to put into practice their computational skills developed so far. As students design Scratch project, they will learn to think creatively and reason systematically.

ARABIC

- Pupils to learn from text books Kitabi (My book 5) & (Al Arabiyah bayna yadayk) about the following topics :

- Pupils to learn about (Transport)-to name different modes of transport- To say why they prefer a mode of transport

- Pupils to learn Events Around us (Ramadan ,Mother day)- discuss the big events - learn congratulations expirations.

رمضان - عید - عید الام

- Pupils to practise using Adjectives- Demonstratives - learn Rules of using because , like and dislike.

